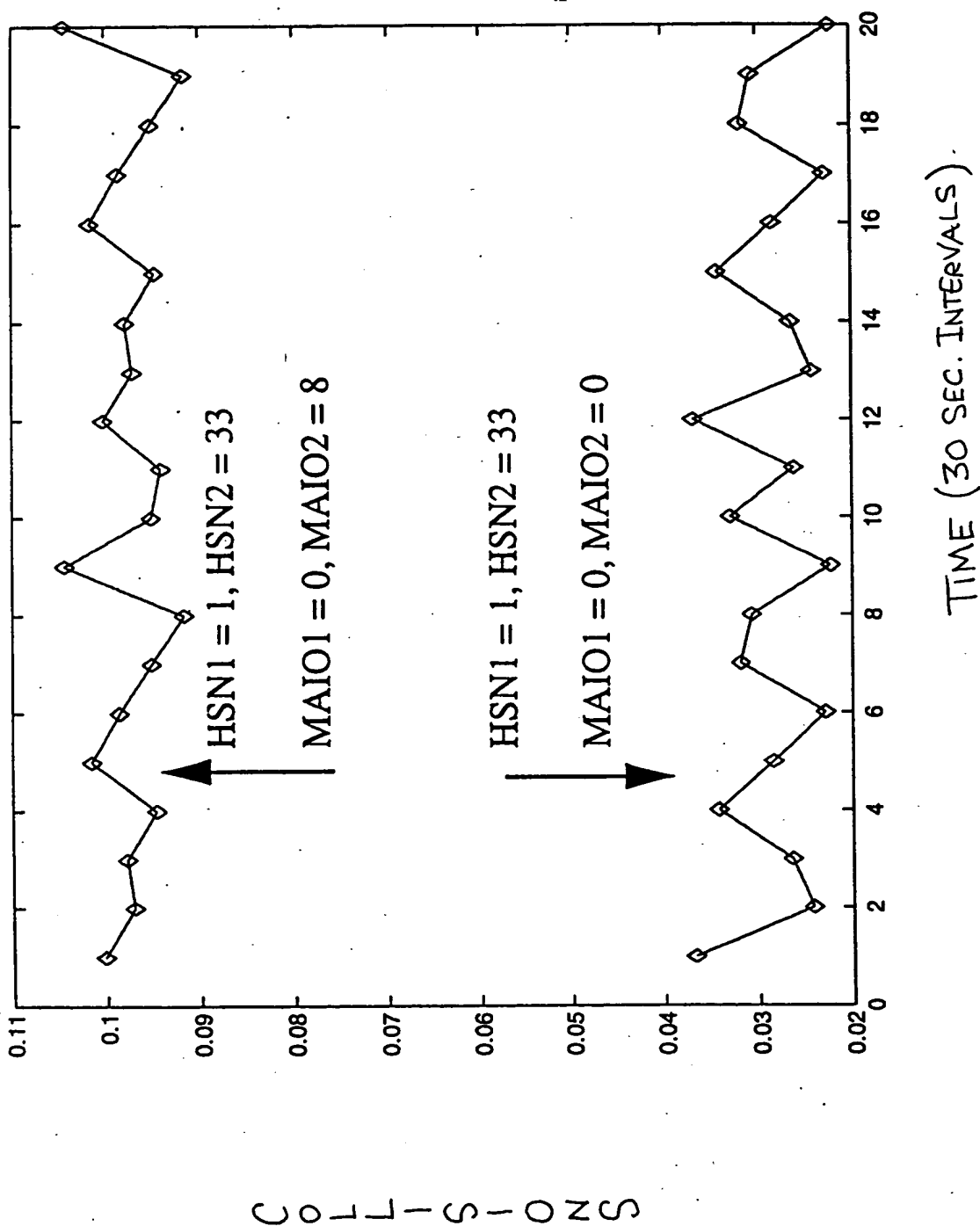


The diagram illustrates a cellular network structure with three cells, labeled CELL A, CELL B, and CELL C. Each cell contains a mobile station (MS1, MS2) and a mobile antenna (MAIO4). The cells are connected to a central base station (BASE STATION) which is also connected to a central antenna (HSN4).

FIG. 1

FIG. 2



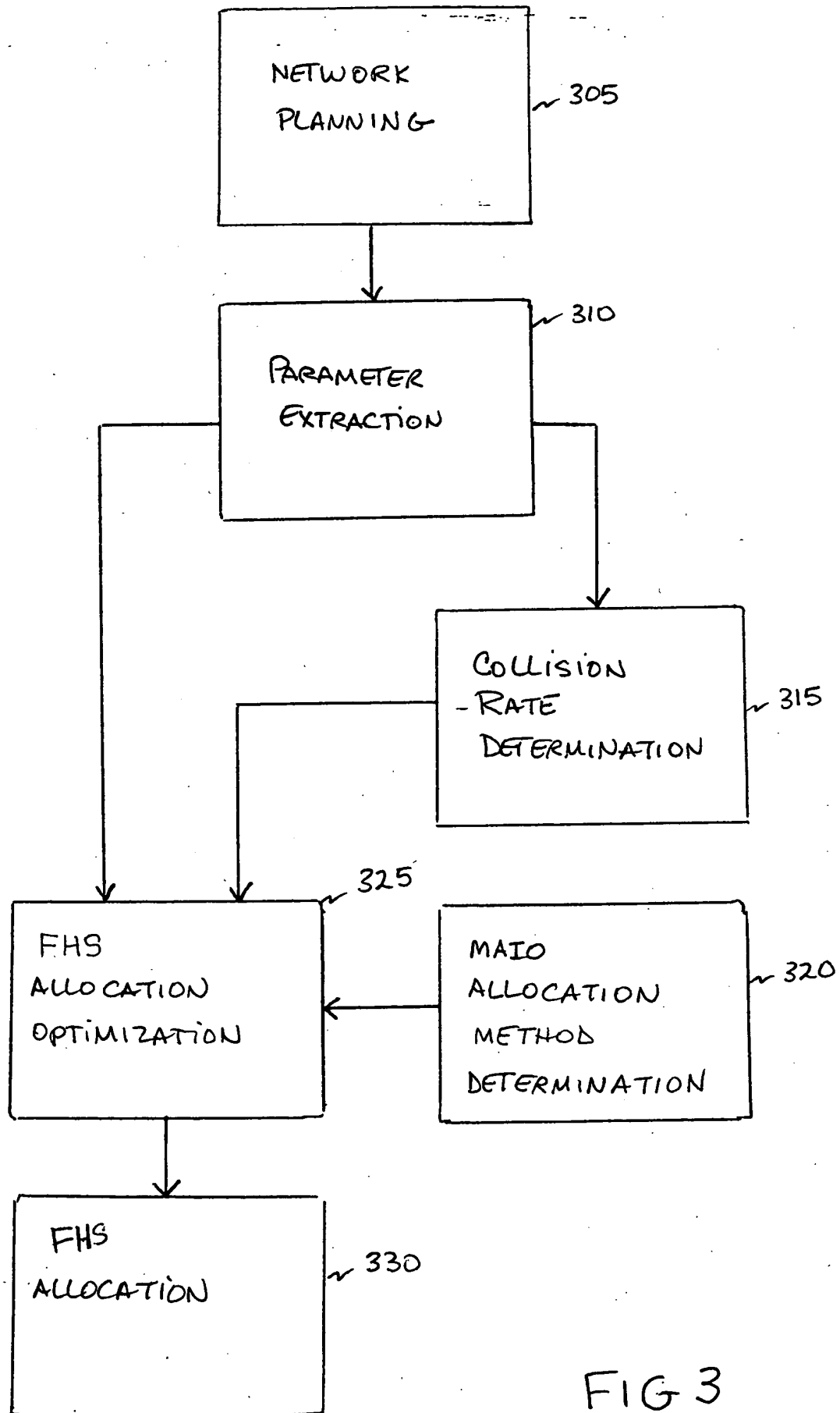


FIG 3

CELL	1	2	3	...	n
1	...	X			
2	Y	...			
3					
⋮					
n					...

FIG. 4

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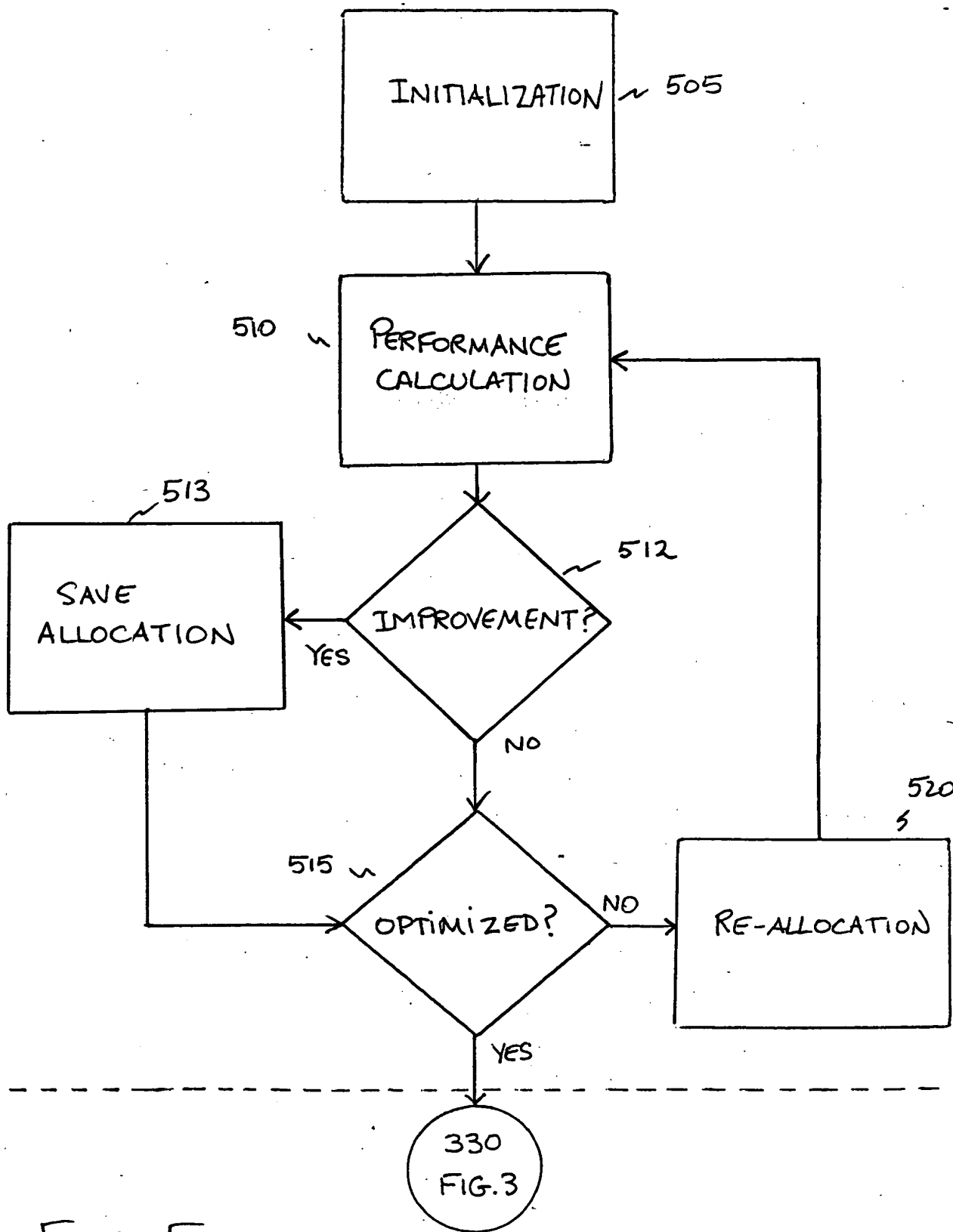


FIG. 5

Cells	MAIO prio 1	MAIO prio 2	MAIO prio 3	MAIO prio N
1	0	2	4	1
2	2	3	4	...	N-1
3	2	3	4	...	N-1

FIG. 6A

MAIO priority	TS 1	TS 2	...	TS 4	TS 8
1	O	O	...	F	O
2	F	O	...	O	O
3	F	F		O	F

KEY: "O" → OCCUPIED
"F" → FREE

FIG. 6B

Cell	HSN	FN Shift	MAIOs in priority order				
1	1	0	0	2	4	8	6
2	1	100	1	3	4	0	14
3	37	0	0	2	4	10	12

FIG. 6C